



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

31 October 2007

Construction Report

Foundation Grouting. To date, all 50 holes in the gallery have been drilled and grouted with a total of over 4447 gallons of grout. Sonic drilling and casing continued, with a total of 609 holes in Overburden. Rock coring and drilling on the work platform continued this week, as well as pressure washing and grouting operations. Most primary and secondary holes have been grouted in Critical Areas #1 and #2. There is a total of over 257,700 gallons of grout in 364 holes along the embankment. To date, over 262,163 gallons of grout have been pumped into the foundation.

Halcomb's Landing. Site cleanup continued. Southern KY RECC completed wiring to the light poles and the Comfort Station. Interior and exterior work was conducted on the Comfort Station. Guardrail installation is essentially complete. The parking area and roadways were striped, and pavement reflectors were installed.

Resident Office. The Contractor worked on "punch-list" items. Parking area and entrance roads are ready for asphalt and fencing.

Kendal Campground. The surface paving project is complete, and the new shower house building project should begin next week.



Hole washing prior to grouting

This Week's Activities

- All issued work in the Gallery is complete.
- Continue sonic drilling and installation of PVC casing
- Continue rock coring and rock production drilling
- Continue pressure testing and grouting
- ACT will continue the exploratory hole drilling in Critical Area I (three of the five holes have been completed).
- VCI-Doyon should complete remaining punch-list items at Halcomb's Landing
- Area should be open to the public by the weekend

Water Management Report

Lake Cumberland elevation on 10/31/07 was 678.81 ft. There was no significant inflow observed from last week's rain event. The orifice gate has been installed providing 260 cfs continuous flow. Two one hour pulses of full sluice releases supplement the continuous flow for a daily average of 400 cfs. This flow arrangement from Lake Cumberland continues to support downstream water supply and water quality requirements. No significant rainfall is forecasted for the next five days.

Lake Cumberland Elevation

678.81

Time: 0600

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